AMENDMENTS TO THE CLAIMS

1. - 30 (Canceled)

31. (Currently Amended) An autologous T cell vaccine comprising inactivated T cells that are reactive against ~~one or more epitopes, wherein~~ SEQ ID NOS: 1-6 ~~comprise the epitopes~~.

32. (Currently Amended) The vaccine of claim 1 wherein <u>the T cells are reactive against</u> only SEQ ID NOS: 1-6 ~~comprise the epitopes~~.

33. (Previously Presented) The vaccine of claim 1 wherein the vaccine consists essentially of T cells that are reactive against SEQ ID NOS: 1-6.

34. (Withdrawn) A method of making the vaccine of claim 1 for the treatment of multiple sclerosis comprising:

      (a)   incubating a sample comprising T cells isolated from a patient to be treated with the vaccine in the presence of one or more multiple sclerosis associated antigens or derivatives thereof;

      (b)   stimulating the cells of (b) with a mitogen; and

      (c)   inactivating the cells of (c),

wherein SEQ ID NOS: 1-6 comprise the antigens.

35. (Withdrawn) The method of claim 34 wherein one or more T cells of (b) are selected from the cells of (a) and wherein the T cells of (b) express one or more first markers selected from the group consisting of CD69, CD4, CD25, and HLA-DR and one or more second markers selected from the group consisting of IL-2, γIFN, TNFα, IL-5, IL-10 and IL-13.

36. (Withdrawn) The method of claim 34 wherein the multiple sclerosis associated antigens consist of SEQ ID NOS: 1-6.

37. (Withdrawn) The method of claim 34 wherein the sample comprises peripheral blood T cells.

38. (Withdrawn) The method of claim 34 wherein the sample comprises cerebrospinal fluid T cells.

39. (Withdrawn) The method of claim 34 wherein the inactivating of the cells in (c) is by irradiation or chemical treatment.

40. (Withdrawn) A method for treating multiple sclerosis comprising administering to a patient in need thereof the composition of claim 31.

41. (Withdrawn) A method for treating multiple sclerosis comprising administering to a patient in need thereof the composition of claim 32.

42. (Withdrawn) A method for treating multiple sclerosis comprising administering to a patient in need thereof the composition of claim 33.